

REMARKS

The amendments to the application are being made to reflect the national phase status of the application in the cross reference, and to include the Abstract.

Furthermore, claims and the description have been amended to address clarity issues raised in the Written Opinion with respect to the parent PCT application, and to correct informalities identified by the Applicant.

For example, in order to more clearly and distinctly recite the subject matter, claims 1-3 and 20 have been amended to replace the term "porous polydendrimer" with --periodic porous polydendrimer-- . Likewise, claims 46 and 58 have been amended to replace the term "macroporous polydendrimer" with --periodic macroporous polydendrimer--.

Claims 11, 12, 33, 34, 47 and 48 have also been amended to replace the phrase "an outmost" with --the outmost-- since each dendrimer have only one outmost shell.

Claims 9, 19, 28 and 55 have been amended to rectify editorial errors in the formula (4) by rearranging the brackets and parenthesis in their proper places, thereby showing the correct stoichiometry. The amendments to the formula (4) have also been reflected throughout the specification.

The preamble of claims 35 and 36 have been amended to be commensurate with their parent claims.

Claims 38-40 have been amended to more clearly and specifically phrase the subject matter.

New claims 62-65 and 66-69 are being added, which are based on the original claims 6-9 and 25-28, respectively.

New claims 70-71, 72-73 and 74-75 are being added, which are based on the original claims 12-13, 35-36 and 50-51, respectively.

Description pages have been amended to correct typographical and grammatically errors. For example, the references to Figures 2b and 2c, which were inadvertently interchanged in several instances, have been correctly replaced. On page 5, the full definition of the abbreviation "BJH" has been added to more clearly and specifically describe the invention.

The Summary of the Invention has also been amended to reflect the amendments to the independent claims.

It is respectfully submitted that all the amendments made herein are to more clearly and succinctly recite the invention and to correct defects in the application. These amendments are fully supported by the application as originally filed, and therefore no new matter has been added by the amendments.

Respectfully submitted,

Dowell & Dowell, P.C.

By:

Ralph A. Dowell, Registration No. 26,868

Date: *May 19, 2006*

DOWELL & DOWELL, P.C.
Suite 406
2111 Eisenhower Avenue
Alexandria, Virginia 22314

Telephone - (703) 415-2555
Facsimile - (703) 415-2559
E-mail - dowell@dowellpc.com